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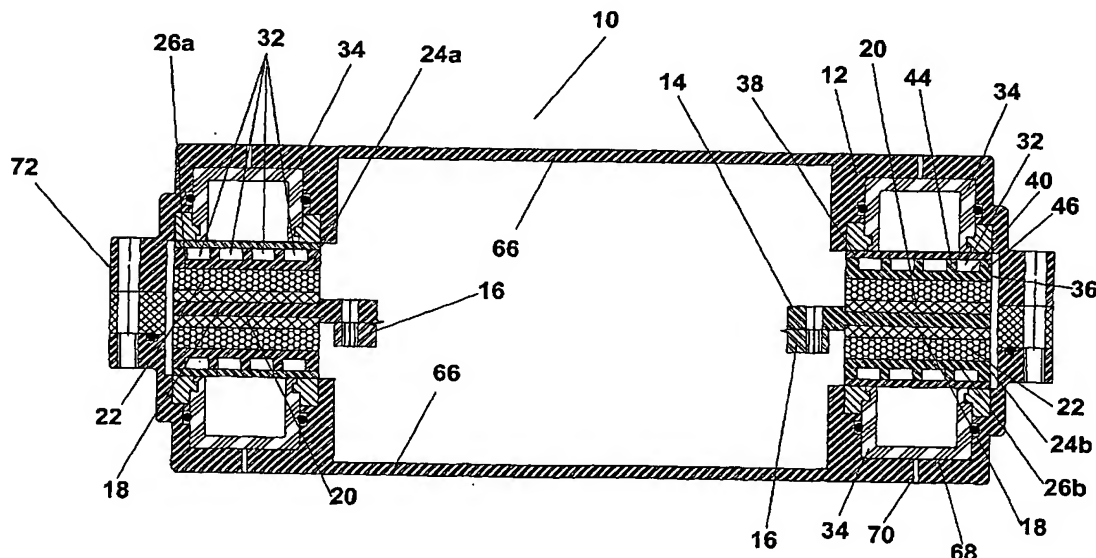
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(54) Title: FLUID COOLED WET BRAKE SYSTEM



(57) Abstract: Fluid cooled wet brake system (10) comprises a sealed housing (12) containing a volume of lubricating oil, a disc (14) disposed in the housing (12) and adapted for fixing to a rotating body such as a wheel hub (16), and one or more stators (24). The stators (24) are rotationally fixed but slidably mounted within the housing (12) and can be pushed into contact with respective braking surfaces (26) of the discs by conventional brake pistons (34). The stators are provided with a fluid inlet (28), a fluid outlet (30) and one or more fluid flow paths (32) extending between the inlet (28) and the outlet (30) through which a cooling fluid flows.



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